

## **METAM SODIUM (OR POTASSIUM) USE DATA**

THE INFORMATION WILL BE USED TO REFINE AND REVISE EPA'S RISK ASSESSMENT

ARE YOU A GROWER? \_\_\_\_\_ ARE YOU A CUSTOM/COMMERCIAL APPLICATOR? Yes\_\_\_\_\_

Please fill out the following questionnaire as completely as possible for a **TYPICAL** season or application.

CROP\_carrots,potatoes\_\_\_\_\_ APPLICATION METHOD\_broadcast shank\_\_\_\_\_ IRRIGATION METHOD \_sprinkler\_\_\_\_\_  
**(Please use a separate sheet for each crop or application method)**

For a typical application, how many people are involved in mixing, loading, and application? 2 people\_\_\_\_\_

Are mixing, loading, and application usually done by the same individual? \_no\_\_\_\_\_

What worker protection equipment is commonly used? \_Mixer loader-label ppe/driver coveralls over long sleeve shirt, shoes, socks, enclosed cab

How many **days per year** are the individuals doing the mixing, loading, and application handling Metam? \_80 days\_\_\_\_\_

How many **hours per day** are these individuals handling Metam? \_mixer/loader 1.5 hours/day/winter time applicator-8hrs/summer applicator-6hrs.

Typical area (acres) treated per day\_summer 50-60 acres/summer/winter(cool season) 80 Ac.\_ Maximum acres treated per day\_typical and max=same\_\_\_\_\_

Typical application rate (lbs. of Active Ingredient/acre)\_165#/ac\_\_\_\_\_ Maximum application rate\_210 #AI\_\_\_\_\_

Method of soil surface sealing\_Summer time mechanical and sprinkler, winter mechanical\_\_\_\_\_

For a typical field, what is the frequency of treatment? \_1 time per two years\_\_\_\_\_

For a typical application, how many hours or days are required for Metam treatment? 1.5 days average per field\_\_\_\_\_

What is the typical date of treatment? (summer season-June to mid Aug/cool season Oct-March)

How many days are there between Metam application and soil tillage or planting? \_From day 3 of application to day 13/fertilizer spread and disced

At application, what is the typical soil temperature? \_summer-70-90/winter 55-65\_\_\_\_ What is the typical air temperature? Summer 65(night)100(day)winter 50(night) 70(day). These numbers are best guess at time.

What are the primary pests you are controlling with Metam? \_pithium, weeds, and nematodes\_\_\_\_\_

Other than Metam, what other pest management strategies do you use? Lorox, methyl bromide, chloropicrin, Ridomil\_\_\_\_\_

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**(PLEASE TURN TO OTHER SIDE)**

Please give a detailed description of the Metam application scenarios that may take place on your operation or under your supervision. Include approximate dates and times, number of people involved, types of equipment used. Give a detailed representation of where the people involved are during the operation and for how long. Give this scenario on a representative time line. i.e. applicators arrive at 7:00 AM with two tractors six workers and an applicator supervisor; irrigation equipment on sight was \_\_\_\_\_; and continue until the application is completed.

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Summer application-Applicator and mixer loader on job site at 5:30. Supervisor oversees the start up. Supervisor makes sure that the pipe crew is on site and posting signs are in place. Supervisor will also notify grower that job is going to start and checks field conditions for applications. Surrounding area surveyed for harvest crews, potential bystander issues. Mixer loader will make up a batch of water/Vapam mix in 1600 gallon nurse tank(10-15 mix process), then material will be transferred via close system from nurse tank to tractor, 3-5 minute process. All transfers are done with closed system. Tractor is fired up and application starts at 6:30 AM. Will apply 9 acres and then will have to stop and refill. There will be 1-1.5 hr. interval between fills. Mixer loader will be doing the at time of application monitoring, ie wind, moisture, temp.. Example, one sprinkler set equals 10 lines. Irrigator(summer application where sprinklers are required) will enter the treated field and hook up irrigation pipe to initiate water seal process. Takes 10-15 minutes of time. This activity by irrigator(2) is done every two hours. The irrigators work for the farmer and they are suited up with full ppe . Summer application, will stop application on average 12-1:00 PM. If soil temp hits 90 degrees at 3 inch depth we have to stop application. Winter time, start at 7:00 AM and can run till 4:30 PM.

When job is completed, NOI is closed and grower is notified that job is done. Grower is then responsible for post application monitoring.

In CA/Kern Co. the grower or his designated represented will monitor the field for 12 hours after the application is completed. This is done every hour for 12hours for detection of off site mitc odor.

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**Contact information:**

**NAME**\_\_\_\_\_

**PHONE**\_\_\_\_\_

**E-MAIL**\_\_\_\_\_